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PATENT
Docket No. 265.0023 0101

#5/c
6-25-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Stanton et al.)	Group Art Unit:	1645
)		
Serial No.: 09/641,801)	Examiner:	unknown
Confirmation No.: 5388)		
)		
Filed: August 17, 2000)		
)		
For: USE OF COLOSTRININ, CONSTITUENT PEPTIDES THEREOF, AND ANALOGS THEREOF FOR INDUCING CYTOKINES)		

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington D.C. 20231

Sir:

Prior to taking up the above-identified patent application for examination, please enter the following amendments.

In The Specification

Please replace the paragraph at page 8, line 32 to page 10, line 9, with the following rewritten paragraph. Per 37 C.F.R §1.121, this paragraph is also shown in Appendix A, page A1, with notations to indicate the changes made.

a₁

Colostrinin has been found to include a number of peptides ranging from 3 amino acids to 22 amino acids or more. These can be obtained by various known techniques, including isolation and purification involving eletrophoresis and synthetic techniques. The specific method of obtaining colostrinin and SEQ ID NO:31 is described in International Publication No. WO-A-98/14473. Using HPLC and Edelman Degradation, over 30 constituent peptides of colostrinin have been identified, which can be classified into several groups: (A) those of unknown precursor; (B) those having a β -casein homologue precursor; (C) those having a β -casein precursor; and (D) those having an annexin precursor. These